

EXHIBIT E12

Summary of Invalidity Analysis of U.S. Patent No. 6,954,789 (“’789 Patent”) in view of U.S. Patent No. 6,412,000 (“Riddle”), further in view of WO 92/19054 (“Ferdinand”), WO 97/23076 (“Baker”) and U.S. Patent No. 6,625,150 (“Yu”)

U.S. Patent No. 6,412,000, issued on June 25, 2002, qualifies as prior art to the ’789 Patent under at least 35 U.S.C. § 102(e) because it was filed on November 23, 1998, before the June 30, 1999 filing date of the provisional application of the ’789 Patent claims priority. Riddle further qualifies as prior art to the ’789 Patent under at least Pre-AIA 35 U.S.C. § 102(e) because U.S. patent has an effective prior art date under pre-AIA 35 U.S.C. § 102(e) based on the filing date of an earlier-filed application if the patent’s relevant subject matter is described in the earlier-filed application, and at least one of the claims of the patent is supported by the earlier-filed application’s written description in compliance with pre-AIA 35 U.S.C. § 112, first sentence. Riddle claims priority to U.S. Provisional Patent Application No. 60/066,864 (“’864 Provisional”), which was filed on November 25, 1997.

Riddle and the related ’864 Provisional incorporate-by-reference the following patent applications in their entirety:

- U.S. Patent Application No. 09/198,051 (“’051 Application”);
- U.S. Patent Application No. 08/762,828, issued as U.S. Patent No. 5,802,106;
- U.S. Patent Application No. 08/977,642 (“Packer Application”), having attorney docket number 08-000001, issued as U.S. Patent No. 6,046,980 (“Packer”); and
- U.S. Patent Application No. 08/742,994, issued as U.S. Patent No. 6,038,216.

WO 92/19054 (“Ferdinand”), published on October 29, 1992, qualifies as prior art to the ’789 Patent under at least 35 U.S.C. § 102(b) because it was published more than one year before the June 30, 1999 filing date of the provisional application of the ’789 Patent claims priority.

WO 97/23076 (“Baker”), published on June 26, 1997, qualifies as prior art to the ’789 Patent under at least 35 U.S.C. § 102(b) because it was published more than one year before the June 30, 1999 filing date of the provisional application of the ’789 Patent claims priority.

U.S. Patent No. 6,625,150 (“Yu”), issued on September 23, 2003, qualifies as prior art to the ’789 Patent under at least Pre-AIA 35 U.S.C. § 102(e) since a U.S. patent has an effective prior art date under pre-AIA 35 U.S.C. § 102(e) based on the filing date of an earlier-filed patent application if the patent’s relevant subject matter is described in the earlier-filed application, and at least one of the patent’s claims is supported by the earlier-filed application’s written description in compliance with pre-AIA 35 U.S.C. § 112, first sentence.

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paragraph. The application that issued as Yu was filed on December 16, 1999. Yu claims priority to U.S. Provisional Application No. 60/112,859 (“859 Provisional”), which was filed on December 17, 1998.

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Invalidity of U.S. PATENT NO. 6,954,789 in view of Riddle et al.	
CLAIM LANGUAGE	Exemplary Citations to Riddle et al.
INDEPENDENT CLAIM 1	
<p>1 A method of examining packets passing through a connection point on a computer network, each packets conforming to one or more protocols, the method comprising:</p>	<p>U.S. Patent No. 6,412,000 (“Riddle”) discloses a method of examining packets passing through a connection point on a computer network, each packets conforming to one or more protocols.</p> <p>For example:</p> <p>“In a packet communication environment, a method is provided for automatically classifying packet flows for use in allocating bandwidth resources and the like by a rule of assignment of a service level. The method comprises applying individual instances of traffic classification paradigms to packet network flows based on selectable information obtained from a plurality of layers of a multi-layered communication protocol in order to define a characteristic class, then mapping the flow to the defined traffic class. It is useful to note that the automatic classification is sufficiently robust to classify a complete enumeration of the possible traffic.” Riddle, 4:6-17.</p> <p>“3.2 Automatic Traffic Classification Processing FIG. 3 depicts components of a system for automatically classifying traffic according to the invention. A traffic tree 302 in which new traffic will be added to a particular member class node. A traffic classifier 304 detects incoming traffic. Alternatively, the classifier may start with a service assignment and use it. A knowledge base 306 contains heuristics for determining traffic classes. The knowledge base may be embodied in a file or a relational database.”</p>

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embodiment, the knowledge is contained within a data structure. A plurality of saved lists 308 stores classified traffic pending in a tree 302. In select embodiments, entries for each instance of an alternate embodiment, a copy of an entry and a count of duplicate entries is maintained.” Riddle, 12:27-41.

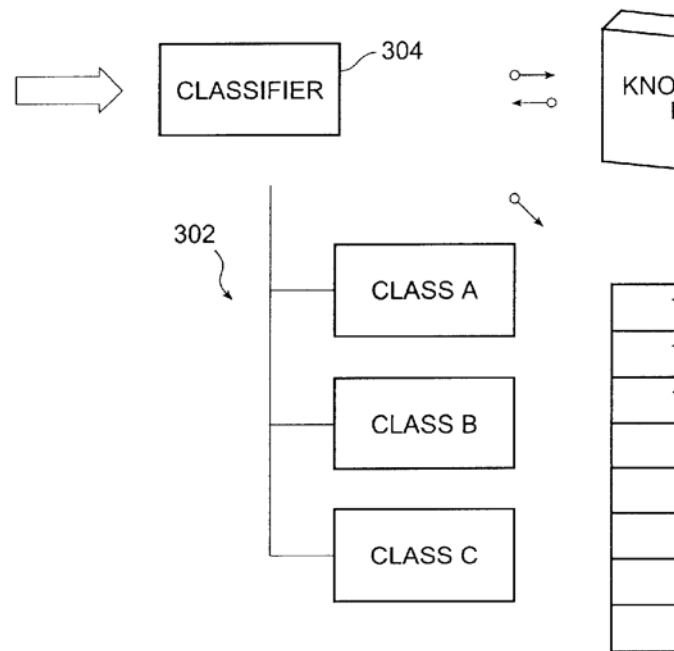


FIG. 3

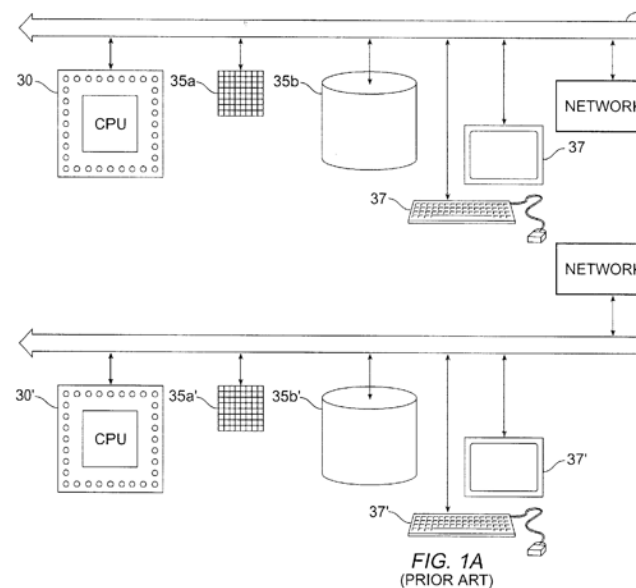
Riddle, Fig. 3.

“The method for automatically classifying heterogeneous packets in a telecommunications environment of the present invention is implemented in a programming language and is operational on a computer system 1A. This invention may be implemented in a client-server environment. A client-server environment is not essential. This figure shows a conventional

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computer system which includes a server 20 and numerous clients shown as client 25. The use of the term "server" is used in the context wherein the server receives queries from (typically remote) clients and performs all the processing necessary to formulate responses to the queries and return responses to the clients. However, server 20 may itself act as a client when it accesses remote databases located at another node of the network.

The hardware configurations are in general standard and will be understood by those skilled in the art. In accordance with known practice, server 20 includes one or more processors which communicate with a number of peripheral devices via a system bus. These peripheral devices typically include a Storage Subsystem, a memory subsystem 35a and a file storage subsystem 35b holding programs (e.g., code or instructions) and data, a set of user interface input devices and an interface to outside networks, which may employ Ethernet, IEEE 802.3, ITU X.25, Serial Link Internet Protocol (SLIP) or a telephone network. This interface is shown schematically as block 40. It is coupled to corresponding interface devices in other computers in the network connection 45." Riddle, 5:53-6:15.



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